

IN THE CLAIM:

Please cancel claims 18, 19 and 20.

Please amend claims 1, 12, and 15-17 as follows:

1.(Currently amended) An emergency vehicle detector (EVD) system operating as a safety device in association with a motor vehicle and enabling motor vehicle operators to be warned of hazards ~~and existing~~ near the motor vehicle or within its path of travel, comprising:

an emergency signal detector adapted to detect unique emergency signals emitted by emergency transmitters in association with ambulances, police cars, fire engines, school buses and stationary targets including crosswalks and school zones, wherein each of said ambulances, police cars, fire engines, school buses and stationary targets including crosswalks and school zones transmits a unique signal through respective emergency signal transmitters uniquely identifying itself to the emergency signal detector;

a direction module for determining the general location of ~~the an~~ emergency signal's emission with respect to ~~the motor vehicle an emergency transmitter's~~ location while it is transmitting a unique signal; and

alarm generator for generating at least one of an audible and visual alarm for motor vehicle operators, thereby identifying the type and general location of a hazard.

2. The system of claim 1 wherein an emergency signal detector is adapted to detect an optical signature emitted from an emergency transmitter.

3. The system of claim 1 wherein an emergency signal detector is adapted to detect a radio frequency emitted from an emergency transmitter.

4. The system of claim 1 wherein an emergency signal detector is adapted to detect radar emitted from an emergency transmitter.

5. The system of claim 1 wherein an emergency signal detector is adapted to detect Infrared signatures emitted from an emergency transmitter.

6. The system of claim 1 wherein said direction module determines the location of the emergency signal's emission with respect to the motor vehicle using GPS location information transmitted by the emergency transmitter.

7. The system of claim 1 wherein said direction module determines the location of the emergency signal's emission with respect to the motor vehicle using signal emission triangulation based on receipt of signals being transmitted by the emergency transmitters.

8. The system of claim 3 wherein said direction module determines the location of the emergency signal's emission with respect to the motor vehicle using GPS location information transmitted by the emergency transmitter.

9. The system of claim 2 wherein said direction module determines the location of the emergency signal's emission with respect to the motor vehicle using signal emission triangulation based on receipt of signals being transmitted by the emergency transmitters.

10. The system of claim 4 wherein said direction module determines the location of the emergency signal's emission with respect to the motor vehicle using signal

emission triangulation based on receipt of signals being transmitted by the emergency transmitters.

11. The system of claim 5 wherein said direction module determines the location of the emergency signal's emission with respect to the motor vehicle using signal emission triangulation based on receipt of signals being transmitted by the emergency transmitters.

12.(Currently amended) An emergency vehicle detector (EVD) system operating as a safety device in association with a motor vehicle and enabling motor vehicle operators to be warned of hazards and existing near the motor vehicle or within its path of travel, comprising:

an emergency signal detector adapted to detect unique emergency signals emitted by emergency transmitters in association with ambulances, police cars, fire engines, school buses and stationary targets including crosswalks and school zones, wherein each of said ambulances, police cars, fire engines, school buses and stationary targets including crosswalks and school zones transmits a unique signal through respective emergency signal transmitters uniquely identifying itself to the emergency signal detector;

a direction module for determining the general location of ~~the emergency signal's emission~~ a hazard with respect to the motor vehicle;

an alarm generator for generating a visual alarm associated with the type of hazard based on the unique signal received by the emergency signal detector;

a display for indicating the general direction of an emergency ~~a hazard~~ with respect to the motor vehicle.

13. The system of claim 12 wherein said display is adapted for indicating emergency location by:

illumination of "L" indicating that the emergency is located to the left of the motor vehicle; illumination of "B" indicating that the emergency is located behind the motor vehicle;

illumination of "F" indicating that the emergency is located to the front of the motor vehicle; and

illumination of "R" indicating that the emergency is located to the right of the motor vehicle.

14. The system of claim 13 wherein said display is adapted for indicating emergency location by illuminating ""LF", "RF", "LB" and "RB" indicating the emergency is located between locations "L", "R", "F", and "B".

15.(Currently amended) A method of detecting the announcement of an emergency, comprising the steps of:

providing a vehicle-based emergency detection unit for detecting unique signals indicating the existence of a specific hazard or emergency near a motor vehicle housing the emergency detection unit, specific hazards including at least one of: ambulances, police cars, fire engines, school buses and stationary targets including crosswalks and school zones;

wherein each of said ambulances, police cars, fire engines, school buses and stationary targets including crosswalks and school zones transmits a unique signal through respective emergency signal transmitters uniquely identifying itself to the emergency signal detector;

receiving an emergency a unique hazard signal transmitted by a emergency signal transmitter associated with one of an ambulance, a police car, a fire engine, a school bus, a crosswalk, a school zone, wherein each of said ambulance, police car, fire engine, school bus, crosswalk and school zone transmits a unique signal

through an associated emergency signal transmitter uniquely identifying itself as a hazard or emergency to emergency signal detection units;

determining the location of [an] the hazard or emergency using said emergency detection unit, wherein the location is based on the signal transmitted by the emergency signal transmitter and received by the emergency detection unit;
and

providing an alarm, said alarm including at least one of an audio and visual indication, to occupants within the motor vehicle, said alarm indicating that a nearby hazard or emergency exists and also indicating the general location of the hazard or emergency based on said step of determining the location of [an] the hazard or emergency carried out by the emergency detection unit.

16.(Currently amended) The method of claim 15 wherein the step of determining the location of [an] the hazard or emergency includes processing of GPS information by the emergency detection unit.

17.(Currently amended) The method of claim 15 wherein the step of determining the location of [an] the hazard or emergency includes triangulation analysis of signal emission information by the emergency detection unit.

18. (Cancelled).

19. (Cancelled).

20. (Cancelled).